



United States  
Department of Energy

Office of Scientific and  
Technical Information



## Technical Information Management Program (TIMP)

### Mission

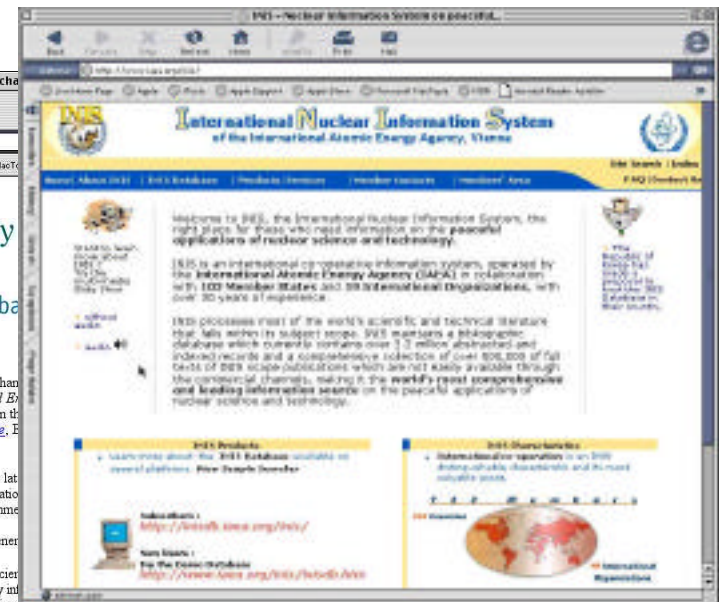
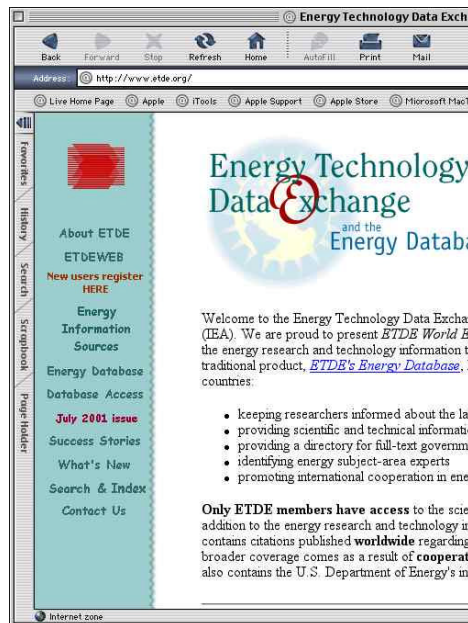
- **The Office of Scientific and Technical Information (OSTI) oversees the Department's Technical Information Management (TIM) program.**
  - **Atomic Energy Act of 1954 (P.L. 83-703) established program to disseminate scientific and technical information (42 U.S.C. Sec. 2013, 2051, and 2161).**
- **Mission of OSTI/TIM program is to effectively collect, preserve, organize, and disseminate unclassified and classified scientific and technical information (STI) from across the agency.**
  - **STI is the primary and immediate deliverable resulting from DOE's \$7.5 billion annual R&D program.**
  - **STI is primarily recorded in one of three forms: scientific journals, technical reports, or preprint literature.**



## Technical Information Management Program (TIMP)

### International Science Results through Partnerships

- Long included as part of the OSTI/TIMP mission, OSTI collects and exchanges international information of interest to the Department.
- OSTI acquires 80,000 summaries of foreign research results annually from the International Atomic Energy Agency's International Nuclear Information System (IAEA/INIS) and International Energy Agency Energy Technology Data Exchange (IEA/ETDE) agreements.
- Full text information is also exchanged, with much of the current information now in electronic form.
- OSTI is the U.S. Liaison Officer/Delegate for INIS and ETDE, meeting U.S. obligations and representing the U.S. at key meetings. OSTI is also the Operating Agent for the ETDE agreement since 1987.





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## Technical Information Management Program (TIMP)

### The Collection

- Over 1.5 million full-text documents
- Over 5 million bibliographic records
- Bibliographic records linked to full text for ~80,000

Document #125349

Full Text Web Viewable PDF (3536K)  
URL: <http://www.osti.gov/servlets/purl/125349-8Rb6vZ/webviewable/>

View Page 1 Go

Search Pages For Text  Search

Title Gas cooled fast reactor

Publication Date 1972 Jun 01

Description/Abstract  
Although most of the development work on fast breeder reactors has been devoted to the use of liquid metal cooling, interest has been expressed for a number of years in alternative breeder concepts using other coolants. One of a number of concepts in which interest has been retained is the Gas-Cooled Fast Reactor (GCFR). As presently envisioned, it would operate on the uranium-plutonium mixed oxide fuel cycle, similar to that used in the Liquid Metal Fast Breeder Reactor (LMFBR), and would use helium gas as the coolant.

OSTI ID 125349

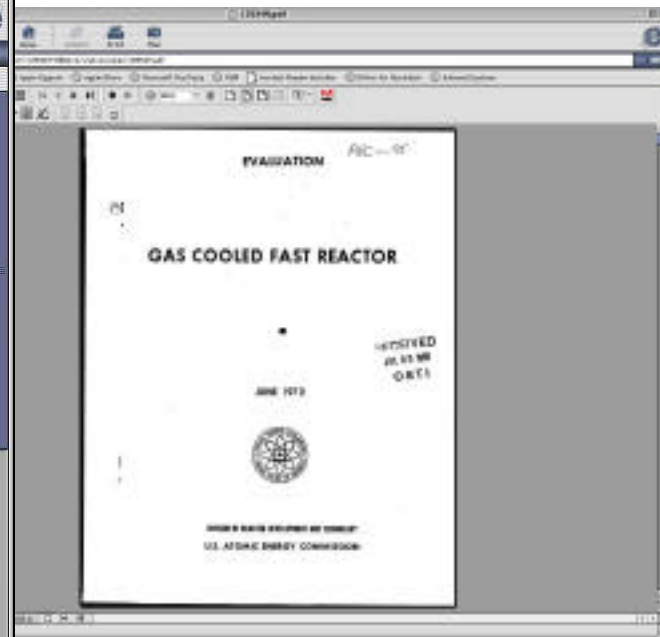
Report Numbers AEC--95

Other ID Numbers ON: DE95013152

Document Type Technical Report

Research Organization USAEC, Washington, DC (United States)

Bibliographic Source OSTI

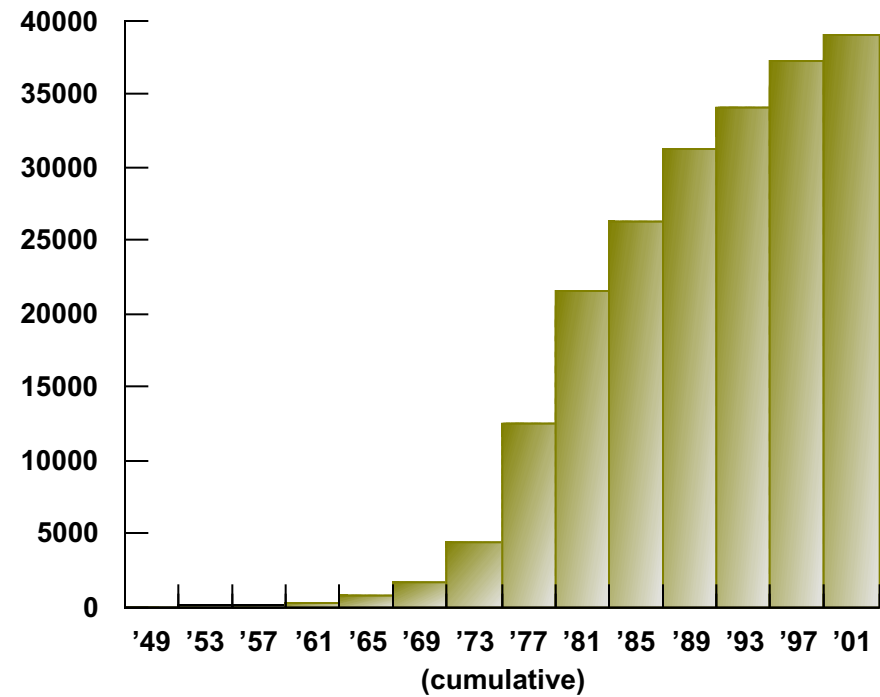
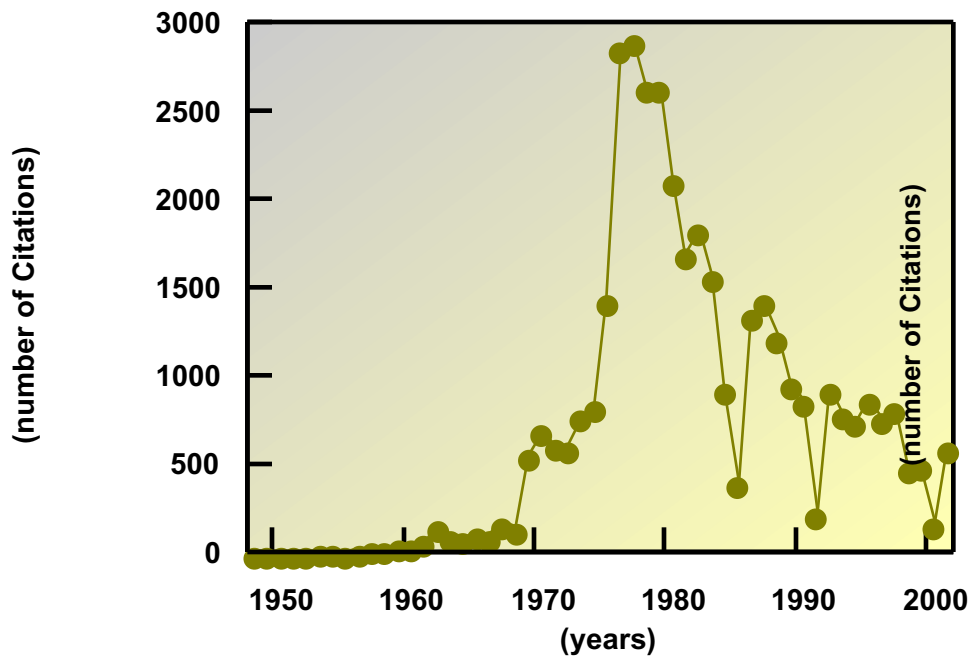




## Technical Information Management Program (TIMP)

### Fast Reactor Information, by year.

Approximately 39,000 bibliographic references to fast reactor Information.





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**Technical Information Management Program (TIMP)**

**OSTI Resources**

Energy Citations Database

**EnergyFiles**  
Distributed searching across 500 heterogeneous databases and Web sites

**PUB SCIENCE**  
Journal access

**Information Bridge**  
Full-text reports

**PrePRINT Network**  
Preprint Literature

**Federal R&D Project Summaries**

**GrayLIT Network**  
Federal gray literature

**DOE R&D Accomplishments**  
Outcomes of past research

**Research Development Project Summaries**  
R&D projects

**OPEN NET**  
Declassified information

**subject Portals**  
Subject Specific Information



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## Technical Information Management Program (TIMP)

### International Resources

#### INIS DB

<http://www.iaea.org/inis/inisdb.htm>

Over 2 million bibliographic references  
since 1970

#### INIS Web Services

<http://www.iaea.org/inis/ws/index.html>

Links to hundreds of nuclear-related sites

#### ETDEWEB

<http://www.etde.org/etdeweb/>

Over 950,000 bibliographic references since 1995

#### Energy Information Sources

<http://www.etde.org/infolinks/links.html>

Hundreds of links to various energy-  
related sources

